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CLASSIFICATION RESTRICTED SECURITY INFORMATION

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REPORT

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INFORMATION FROM FOREIGN DOCUMENTS OR RADIO BROADCASTS

Austria

Economic - Electric power, imports and exports

CENTRAL INTELLIGENCE AGENCY

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Oesterreichische Zeitschrift fuer Elektrizitaetswirtschaft, Vol III, No 8, 1950.

IMPORT AND EXPORT OF ELECTRIC POWER IN AUSTRIA

O. Ruiss and O. Vas

The following information i taken from a report of the Austrian National Committee given at the Fourth World Power Conference in London in 1949, and entitled "The Sources and Development of Austria's Supply of Energy." The report was compiled by C. Ruiss and C. Vas and was reprinted in condensed form in Oesterreichische Zeitschrift fuer Elektrizitsetswirtschaft, Vol III, No 8, Vienna, August 1950.

Major changes have occurred in the export of electric power from Austria. Germany is no longer, as before the war, the sole consumer of power exported from Austria, although she is still the largest. Austria now exports electric power to all her neighboring states.

It is noteworthy that under the Treaty of 1947 Austria no longer unilaterally exports power from the Tyrol and Vorarlberg to Germany but now receives electric power from the German network for her own "Verbund" network (combined power supply system) during the winter half year. Thus, an exchange of electric power favo able to Austria in the winter months has replaced mere power export, and through this the power deficit in the eastern part of the country has been markedly lowered, although not completely eliminated.

In addition to this, important quantities of hydroelectric power will be made available to the European economy as a whole through the construction of plants for the export of power in Vorarlberg, and in western and eastern Tyrol (see Table 1).

Data on projected plants for the export of power are listed in Table 1 Data on the Austrian export and import of electric power for 1937, 1946, 1947, 1948, and the first half of 1949 are listed in Tables 2 and 3.

The rower imported from Hungary has been so little that figures for it have not been given in Table 3.

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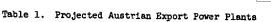
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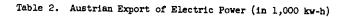
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Project	Construction Time (yr,	Capacity (1,000 ks)	Normal Annual Output (million kw-h)
Luenersee Oetztal Oberer Inn Ostirol	3 8 6	156 373 392	213 1,125 1,609
(Eastern Tyrol)	_9_	430	1,205
Total		1,351	4,152



<u>To</u>	1937	1946	1947	1948	First Half of 1949
Germany Switzerland Liechtenstein Italy Czechoslovakia Yugoslavia	412,997 	751,417 3,215 8,455 616	589,949 20 4,927 42,290 6,587 74	909,184 137 5,013 10,095 440 162	229,067 90 2,949 150 6
Total export	412,997	763,703	643,847	925,071	232,262
Percentage of total produc tion		21	16	18	

Table 3. Austrian Import of Electric Power (in 1,000 kw-h)

From	1937	1946	1947	1948	First Half of 1949
Germany Switzerland Czechoslovakia Yugoslavia	2,065 	16,825 58 1,965	79,143 10 864	151,432 127 240 <u>470</u>	78,400 310 230
Total import	2,065	18,848	80,017	152,269	78,940

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